

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the Application. Deletions are ~~striketrough~~ and additions are underlined.

### **Listing of Claims:**

1. (Previously presented) A composition comprising an oily byproduct of *Bixa orellana* seed containing a tocotrienol where the ratio of delta-tocotrienol to gamma-tocotrienol is selected from the group consisting of between 1:25 to 8:1 and between 10:1 to 25:1.

2 - 24. (Canceled)

25. (Previously presented) The composition of Claim 1, further comprising at least one ingredient selected from the group consisting of oryzanols, policosanols, pentathine, red yeast rice (*Monascus*), oat bran, garlic, gugul lipids, oligo-peptides, CoQ10, carnitine, magnesium, calcium, D-tyroxine, fibers (insoluble and soluble types, including beta-glucans), omega-3s (DHAs and EPAs, alpha linoleic acid), banaba extract (including corosolic acid), lipoic acids (all isomeric forms), Vitamin B1 (Thiamine), Vitamin B2 (Riboflavin), Vitamin B5 (Pantothenic acid), Vitamin B6 (Pyridoxine and Pyridoxamine), Vitamin B7 (Biotin), Vitamin B9 (Folic acid), and Vitamin B12 (Cyanocobalamin).

26 - 36. (Canceled)

37. (Previously presented) The composition of Claim 1, where the ratio of delta-tocotrienol to gamma-tocotrienol is between 1:10 to 8:1.

38. (Previously presented) The composition of Claim 37, where the ratio of delta-tocotrienol to gamma-tocotrienol is 1:1.

39. (Previously presented) A composition comprising an oily byproduct extract of *Bixa orellana* seed and a 350 - 450 Dalton MW fraction of a natural extract, where the level of tocopherol is  $\leq 50\%$ .

40. (Previously presented) The composition of Claim 39 where the level of tocopherol is  $\leq 20\%$ .

41. (Previously presented) The composition of Claim 40 where the level of tocopherol is  $\leq 1\%$ .

42. (Previously presented) The composition of Claim 39 where the natural extract is selected from the group consisting of soy, corn, rice bran, palm, cranberry seed, and litchi seed.

43. (Previously presented) The composition of Claim 39 where the tocopherol comprises alpha-tocopherol.

44. (Previously presented) The composition of Claim 43 where alpha-tocopherol comprises  $\leq 50\%$  of the tocopherols in the composition.

45. (Previously presented) The composition of Claim 44 where alpha-tocopherol comprises  $\leq 25\%$  of the tocopherols in the composition.

46. (Previously presented) The composition of Claim 45 where alpha-tocopherol comprises  $\leq 1\%$  of the tocopherols in the composition.

47. (Currently amended) A composition comprising an oily byproduct extract of *Bixa orellana* seed and a 350 - 450 Dalton MW fraction of a natural extract, where delta-tocotrienol and gamma-tocotrienol comprise  $> 50\%$  of the tocotrienols in the composition.

48. (Previously presented) The composition of Claim 47 where delta-tocotrienol comprises  $> 50\%$  of the tocotrienols in the composition.

49. (Currently amended) A composition comprising an oily byproduct extract of *Bixa orellana* seed and a 350 - 450 Dalton MW fraction of a natural extract, where C5 unsubstituted tocotrienols are > 60%, and tocopherols are < 15%.

50. (Previously presented) The composition of Claim 49 where the C5 unsubstituted tocotrienols are > 80% and < 5% tocopherols.

51. (Previously presented) A composition comprising an oily byproduct extract of *Bixa orellana* seed and a 350 - 450 Dalton MW fraction of a natural extract, where the ratio of delta-tocotrienol to gamma-tocotrienol is between 1:25 to 25:1.

52. (Previously presented) The composition of Claim 51 where the ratio of delta-tocotrienol to gamma-tocotrienol is between 1:10 to 10:1.

53. (Previously presented) The composition of Claim 52 where the ratio of delta-tocotrienol to gamma-tocotrienol is 1:1.

54. (Previously presented) The composition of Claim 51 where the natural extract is selected from the group consisting of soy, corn, rice bran, palm, cranberry seed, and litchi seed.

55. (Previously presented) A composition comprising an oily byproduct extract of *Bixa orellana* seed and a 350 - 450 Dalton MW fraction of a natural extract.

56. (Previously presented) The composition of Claim 55 where the natural extract is selected from the group consisting of soy, corn, rice bran, palm, cranberry seed, and litchi seed.